

## Orientation meeting

### Tutoring Plus opens year

Tutoring Plus of Cambridge held its annual orientation meeting Saturday in the Student Center.

Begun three years ago by several MIT students, the program has since grown into a joint venture of several agencies, colleges, and local parent groups, as evidenced by the very diverse backgrounds of the principal speakers.

Dean Holden began the session by going over the program's history for the multi-collegiate audience. Filling in the details of Tutoring Plus' present and projected directions were Miss Elsa Baldwin, project director, and Mrs. Gertrude Quick, an active local parent. Mr. David Hock-

man of the Cambridge High schools and Mrs. Dorothy Weitzman followed with some practical advice on tutoring. Mark Vaughan, MIT graduate student and project chairman, closed with an explanation of how tutors fit into the governmental structure of the program.

The program serves the people of the region immediately behind MIT, known as Area 4 to the census takers, and with its expanding scope, Tutoring Plus will be needing MIT students for other endeavors, such as vocational classes and group programs. Anyone interested can call the Social Service Committee at x-2894.

James Brown and the Famous Flames, noted rock artists, will highlight Junior Prom Weekend '66, it was announced last night. Scott Davis, Junior Class President, also announced the presentation of "The Fantasticks," David Cryer's off-Broadway production, on Saturday afternoon. The performance, featuring the original New York cast, will be identical with the show that has sold out continuously for the past seven years.

#### Friday night

Friday night of the weekend will combine a formal dance and a discotheque in the Stratton Student Center. Ted Herbert's Orchestra and "The Cloud" will provide entertainment. The formal



"The Fantasticks," whose current off-Broadway show has run for 7 years, will perform on Saturday afternoon of Junior Prom.

discotheque, an idea popular among members of the New York Rock set, will also feature eye-catching demonstrations by four discotheque dancers, as well as unique lighting effects. Ted Herbert has previously appeared on the MIT campus at Spring Weekend '66.

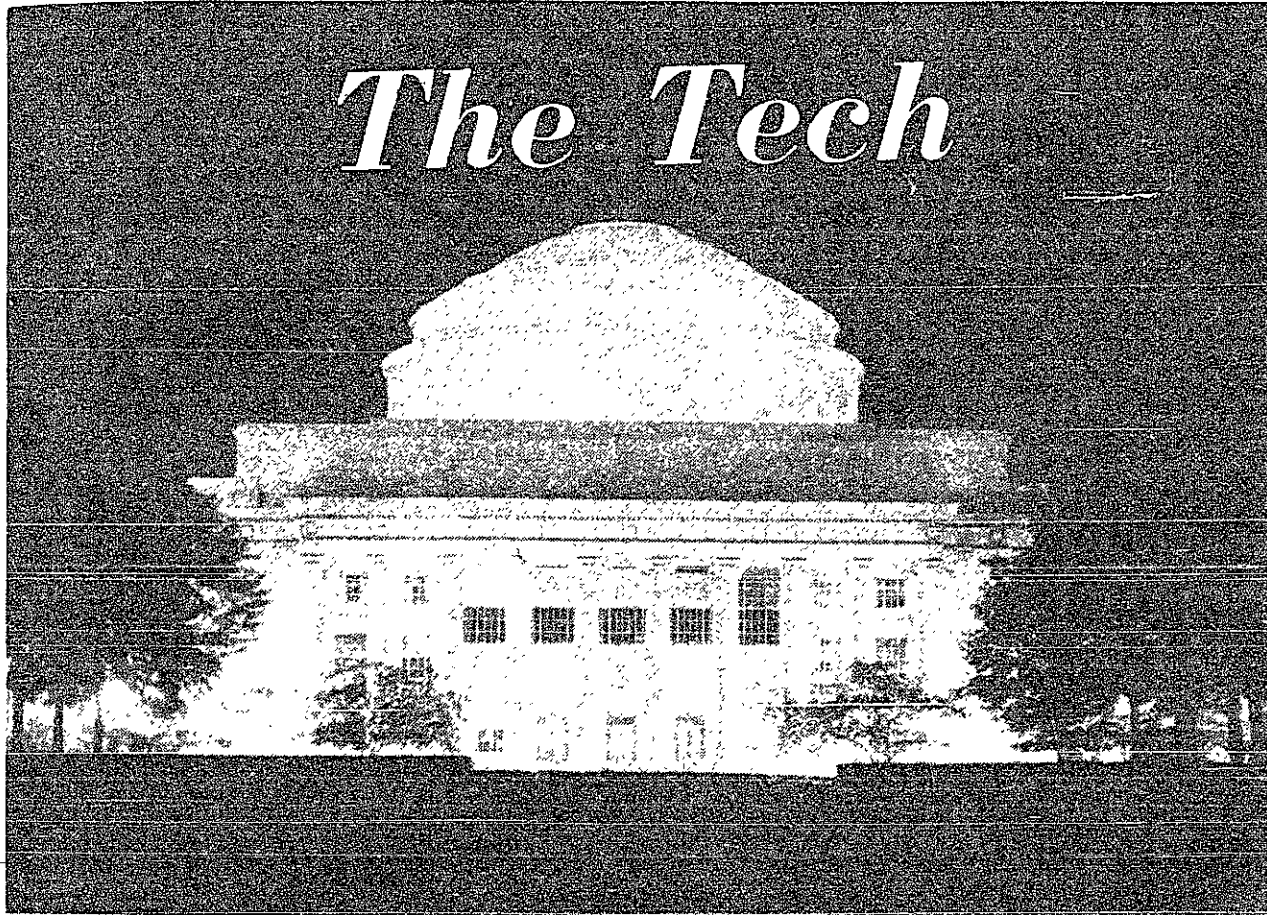
To provide entertainment for all segments of the student body, Junior Prom Committee has arranged for Saturday's program to span eleven hours. "The Fantasticks" will perform in Back Bay Theatre starting at 1:00 pm. The

James Brown Show will be held in the DuPont Athletic Center Gymnasium from 4:00 until 6:30 pm, and finally, the traditional rock 'n' roll blast will begin there at 9:00 pm.

#### The Wild Ones

Entertainment on Saturday evening features "The Wild Ones," nationally famous discotheque band. Specially flown in from the New York Discotheque "Arthur," "The Wild Ones" will also be playing in the Gymnasium.

"The Next of Kin," a local (Please turn to Page 3)



Vol. 86, No. 39

Cambridge, Massachusetts, Friday, October 21, 1966

Five Cents

## Manager on Inner Belt:

### Brookline - Elm route 'set'

By Mark Bolotin

Despite the protest march by many Cambridge residents, City Manager Joseph A. DeGuglielmo informed the City Council that he believes the Inner Belt will come and it will pass through the Brookline - Elm St. route.

Studies termed "inadequate"

In his letter to the Council, he stated that an appropriation of \$25,000 for study relative to the need of the Belt Route "would prove to be inadequate and ineffective." This pessimism over the Inner Belt was explained in an earlier part of his statement: "There is no credible evidence upon which I can conclude that there is any indication of uncertainty of the location or need of the Inner Belt in the minds of those in authority at the State or Federal level."

DeGuglielmo implicitly dismissed Governor John A. Volpe's proposed restudy of the Belt routes

as politics and predicted an announcement of the route in early December.

DeGuglielmo's comments were supported by Alan McClennen, Cambridge Planning Director, who said he believed that the Federal Government "on the lower level" had given approval to the route.

#### Turn to relocation

He told the members of City Council that it was time they turned their attention from fruitless protests to methods of relocating the estimated 1500 families which the Belt would replace. He added that if the City organizes for a complete housing-relocation campaign, it could relocate "up to half" of those hit by the Belt in Cambridge.

Councillor Edward A. Crane immediately took objection to DeGuglielmo's prediction. He referred to a statement by Congressman Thomas P. O'Neill, Jr., that

the restudy of the Inner Belt in Cambridge would delay the Belt for two years.

#### "Thrown in sponge"

He also charged that DeGuglielmo's letter to the Council indicates that he has "thrown in the sponge," in the battle against the Belt.

Crane said, even now, the Bureau of Roads has not put its stamp of approval on the Brookline - Elm Sts. route. Further, studies are being undertaken by attorneys to seek a public hearing before the Department of Transportation and Commerce.

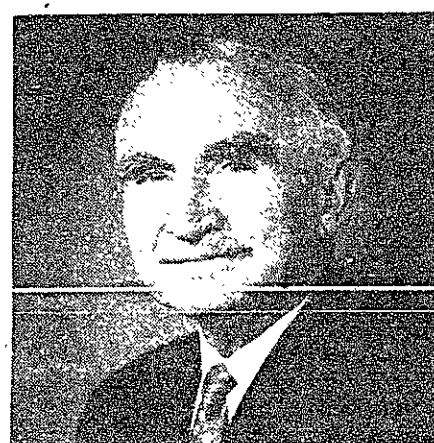
### Wayne Morse to speak on 'US Foreign Policy'

Senator Wayne Morse of the Senate Foreign Relations Committee will be the guest speaker of the Lecture Series Committee in Kresge Auditorium Monday evening at 8.

He will speak on "Trends in American Foreign Policy Around the World," and reliable sources expect him to voice opposition to the Johnson administration's policies on Viet Nam.

Wayne Morse ran as a Republican for the United States Senate in 1944 on a program of "Principles above Politics." He served as a Republican Senator until 1952, when he resigned from the Republican party. In 1956, he was re-elected to the Senate as a Democrat.

Recently, Senator Morse has served as a member of the President's Special Board of Inquiry dealing with the Steel Industry-Labor Dispute of 1965, and as



Sen. Wayne Morse

chairman of the President's Emergency Board for the 1966 airlines dispute.

The lecture is free, with admission preference given to members of the MIT community. Following the lecture, the Lecture Series Committee will hold a reception for Senator Morse in the Student Center.

teaching staff, with the rest engaged in administration and research.

The School of Engineering was the largest, with 1,311 staff members. Second was the School of Science, with 972 members, followed by the School of Humanities and Social Science (213), the Alfred P. Sloan School of Management (161), and the School of Architecture and Planning (59).

#### Geographic distribution

Last year there were 7,408 students registered at MIT, 3,755 undergraduates and 3,653 graduate students. They represented all fifty states, the Panama Canal Zone, Puerto Rico, and seventy-two foreign countries. Also included was one undergraduate who had no citizenship in any country.

New York had the most undergraduates, with 689, while Massachusetts led in graduates with 1,225. Nevada provided the least number, with two undergraduates and no graduates.

#### Academic staff

The academic staff at MIT numbers 2,808, including twenty ex-officio faculty members. Of that number, 1476 comprise the

The rest of the academic faculty is composed of the athletic staff, the Computation Center staff, and other miscellaneous groups.

The largest single Department in the Institute was the Department of Electrical Engineering, with 385 members. It is followed by the Departments of Physics (256), Chemistry (227), and Mechanical Engineering (224). The smallest department was the Department of Psychology, with 25 members.

#### Student distribution

Course VI was the most popular major, with 1,168 graduates and undergraduates registered in it. Second was Physics, with 694 graduates and undergraduates. Third was Mathematics, with 326 undergraduates and 138 graduates. The smallest department was that of Psychology, with twenty-one graduates, and no undergraduates.

#### Degree awards

Since 1868 MIT has awarded (Please turn to Page 5)

### Poster design seminar to be offered students

All students will have an opportunity this year to attend a three-evening design seminar.

The seminar will be conducted by the three artists, Jacqueline Casey, Ralph Coburn and Dietmar Winkler, who design and execute the graphic material produced through the MIT Office of Publications.

The seminar will meet in the Student Center Art Studio, room 425. The first meeting is scheduled for Monday at 7:30. There will be a registration fee of \$2 for the series; students may register with Mimi Luft in the Studio.

### Christmas recordings planned as Alpha Chi Delta service

By Sue Downs

Foreign students, as well as Americans who live far from home, will be given a chance to make a record to send home for Christmas, provided by Alpha Chi Delta, MIT's service sorority.

Previously, the Red Cross had a program in which records were made by the families of servicemen at Christmas time. This program has been expanded to include foreign students and Americans far from home. The records are free; the students need only pay postage.

Alpha Chi Delta will be taking

appointments next week in the Lobby of Building 10. The actual recording will be done in the Student Center the following week.

In addition to the records, Alpha Chi Delta has arranged to take a limited number of Polaroid pictures during the recording sessions. These snapshots may be sent home with the recordings—courtesy of the Polaroid Corporation.

Students are advised to have the message prepared ahead of time. Five minutes of recording is a long time when confronted with a microphone.



## Tufts lecturer to give readings

Maxine Kumin, poet and lecturer in English at Tufts University will present a reading of selections from two of her books, "Half Way," and "The Privilege," as well as her novel "Through Dooms of Love." The reading will take place at 8:30 pm, October 25 in the Hayden Library Lounge, and is open to the public.

Mrs. Kumin was a scholar at the Radcliffe of Independent of Study from 1961-1963. She was recently awarded a grant from the National Council on the Arts and Humanities to spend a year on poetry writing.

## Pocket billiards tourney starts

The MIT pocket billiards tournament begins first round elimination this Saturday from 9 am until noon and Sunday from 11-2 with 59 entries. The number of contestants is down from last year because of the required entry deposit.

The competition promises to be very good, and the public is invited to attend the matches. Pairings for the tournament are posted in the Game Room.

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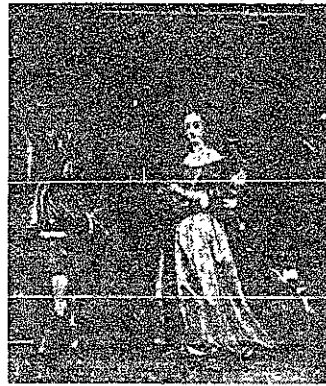
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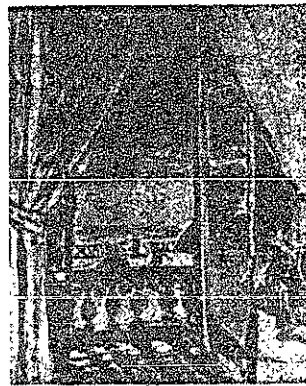


610. SHAHN, The Red Stairway

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298. TERBORCH, A Lady at Her Toilet



607. MATISSE, The Open Window

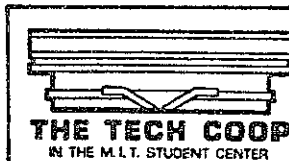
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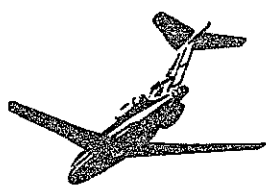
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|---|--|--|
| 1. RENOIR, La Petite Irene, 18 x 22"                | 291. PICASSO, Maternite, 17 x 21"                      | 506. FEININGER, Village Street, 18 x 24"           |
| 15. CONSTABLE, Cottage in the Cornfield, 18 x 22"   | 292. PISSARRO, Red Roofs, 18 x 22"                     | 507. RENOIR, Little Girl & Watering Can, 18 x 24"  |
| 23. CONSTABLE, The Cornfield, 18 x 22"              | 293. RENOIR, Idylle, 17 x 21"                          | 508. RENOIR, Venice, Gondola, 20 x 24"             |
| 33. MODIGLIANI, Marie, Fille du Peuple, 18 x 22"    | 294. TURNER, Eton College, 18 x 27"                    | 509. GAUGUIN, Tahitian Mountains, 18 x 24"         |
| 42. VAN GOGH, Le Semeur, 17 x 21"                   | 295. MANET, Bar Folies Bergeres, 17 x 23"              | 510. FRAGONARD, Young Girl Reading, 18 x 24"       |
| 69. UNKNOWN, Lascaux Cave-Horse, 18 x 22"           | 296. TURNER, Venice, 18 x 24"                          | 511. CONSTABLE, View Salisbury Cathedral, 18 x 24" |
| 142. MANET, Coming Tide, 18 x 22"                   | 297. MANET, L'Amazone, 18 x 24"                        | 512. WOOD, American Gothic, 18 x 24"               |
| 203. VAN GOGH, The Sea, 18 x 24"                    | 298. TERBORCH, A Lady at Her Toilet, 20 x 24"          | 550. VAN GOGH, Sunflowers, 18 x 24"                |
| 204. GAUGUIN, Landscape with Peacocks, 18 x 24"     | 299. DUFY, L'Avenue du Bois, 20 x 24"                  | 551. CEZANNE, The Blue Vase, 18 x 24"              |
| 220. RENOIR, The Bower, 17 x 21"                    | 301. PICASSO, Child with Dove, 18 x 24"                | 552. RENOIR, LeMoulin de la Galette, 18 x 24"      |
| 224. MONET, Haystacks, 17 x 21"                     | 302. CONSTABLE, The Haywain, 18 x 24"                  | 553. MODIGLIANI, Gypsy Woman with Baby, 18 x 24"   |
| 226. VAN GOGH, Haystacks in Provence, 18 x 24"      | 303. BONNARD, The Fruit Bowl, 18 x 22"                 | 554. MANET, Boy with Cherries, 18 x 24"            |
| 233. SISLEY, Moret-Sur-Loing, 17 x 21"              | 317. KLEE, Senecio, 16 x 17"                           | 555. HOMER, In the Mowing, 18 x 24"                |
| 242. CHAGALL, Chambon Sur Lac, 18 x 24"             | 320. ROUSSEAU, Virgin Forest at Sunset, 18 x 24"       | 556. REMBRANDT, Girl with Broom, 18 x 24"          |
| 255. HOBBEEMA, View on High Road, 20 x 24"          | 321. COROT, Girl Reading, 18 x 24"                     | 557. MONET, Bench at St. Adresse, 18 x 24"         |
| 259. CONSTABLE, The White Horse, 20 x 24"           | 322. SIGNAC, The Milliners, 18 x 24"                   | 558. PISSARRO, The Towpath, 18 x 24"               |
| 263. RENOIR, Child in White, 20 x 24"               | 361. CHAGALL, Lovers with Bouquet, 18 x 23"            | 559. CASSATT, The Bath, 18 x 24"                   |
| 265. RENOIR, Boating Party, 18 x 24"                | 366. KLEE, Flowers in Stone, 18 x 22"                  | 600. VAN DONGEN, Passe-Temps Honnette, 20 x 24"    |
| 269. CHINESE—15TH CENTURY, A Game of Polo, 20 x 24" | 367. WEBER, The Three Musicians, 18 x 22"              | 601. GREUZE, Le Guitariete, 16 x 23"               |
| 271. PISSARRO, Regatta, 18 x 24"                    | 369. RENOIR, The Rowers Lunch, 18 x 22"                | 602. LANCRET, La Danseuse, 18 x 23"                |
| 272. REMBRANDT, Girl at Open Half Door, 18 x 22"    | 370. RENOIR, The Bridge, 18 x 23"                      | 607. MATISSE, The Open Window, 18 x 23"            |
| 275. PISSARRO, The Harbour, 18 x 22"                | 422. MURILLO, Small Fruit Dealers, 18 x 23"            | 608. MARQUET, Port of Naples, 18 x 23"             |
| 276. PICASSO, Still Life With Orange, 18 x 22"      | 501. DEGAS, Woman with Chrysanthemums, 18 x 24"        | 609. MURILLO, Pastry Eaters, 18 x 23"              |
| 277. PISSARRO, Boulevard Montmartre, 20 x 24"       | 502. TOULOUSE LAUTREC, The Moulin Rouge 1890, 18 x 24" | 610. SHAHN, The Red Stairway, 18 x 24"             |
| 278. MORISOT, Young Girl in Greenhouse, 20 x 24"    | 503. PICASSO, Seated Acrobat, 18 x 24"                 | 748. CHIRICO, Zebra & Horse on the Beach, 18 x 24" |
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| 280. MONET, The Gladiolas, 18 x 24"                 | 505. RENOIR, Lady at the Piano, 18 x 24"               |  |
| 282. BELLOTTO, View of Pirna, 14 x 24"              |  |  |
| 283. VERMEER, Lacemaker, 16 x 20"                   |  |  |
| 284. VERMEER, Milkmaid, 17 x 19"                    |  |  |
| 285. LAUTREC, At the Moulin Rouge, 17 x 19"         |  |  |
| 286. MIRO, Boum Boum Bird, 17 x 21"                 |  |  |
| 287. WATTEAU, L'Amore Queteo, 18 x 24"              |  |  |
| 288. CHARDIN, Girl with Shuttle, 16 x 20"           |  |  |
| 289. REMBRANDT, Young Girl Holding Medal, 16 x 20"  |  |  |
| 290. LANCRET, The Swing, 18 x 24"                   |  |  |



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## Techmen to visit Africa

By Sue Downs  
Through Cross Roads Africa exists another opportunity for MIT students to travel abroad. All interested students should attend the organizational meeting Tuesday, at 4 pm, in room 467 of the Student Center.

Mr. Albert Oliver, who is Cross Roads' executive officer as well as an excellent speaker, will be present to give a talk.

His speech will focus on life in Africa and student experiences there.

Started in 1957

Founded in 1957 by Rev. Dr. James Robinson, a pastor from Harlem, Cross Roads Africa sent

over 325 people to Africa last summer.

Six MIT students participated in this program in the last two years.

When Cross Roads was started it had three goals in mind: learn about Africa and understand how their customs differ and are similar to ours, to let Africans, likewise, have a chance to know and understand us, initiate projects and show them what they can do through community effort.

In 1964, a "Reverse Flow" program was started, where African leaders come to the United States to travel and to meet with other youth leaders.

It is the responsibility of each person accepted by Cross Roads to try to raise \$1000 to help pay for his trip. (This amount covers approximately half of the cost involved).

The Foreign Opportunities Committee (FOC) is planning a concert and dance in order to raise money for those MIT students selected. Applications are due the week of November 10. Any further questions should be directed to Yves Kraus, x3204.

### MIT DORMITORY COUNCIL

presents

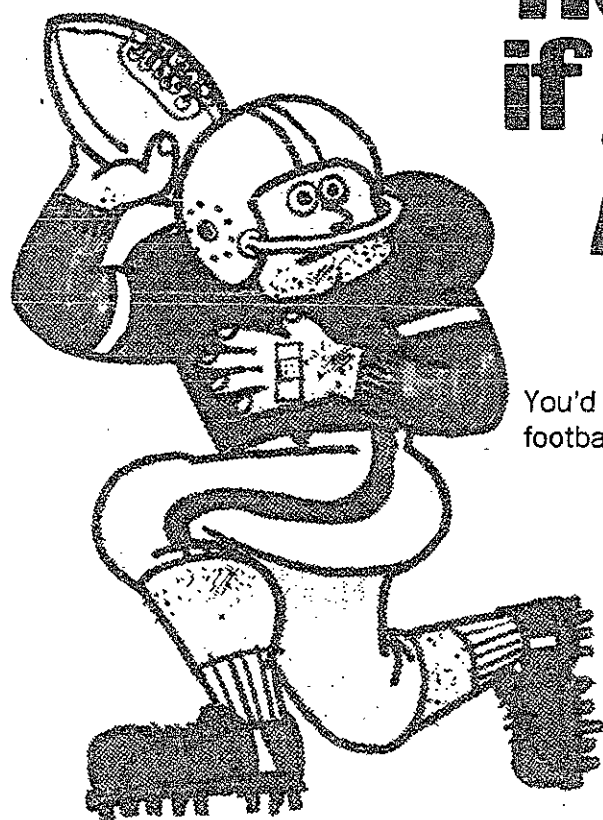
**DIZZY GILLESPIE  
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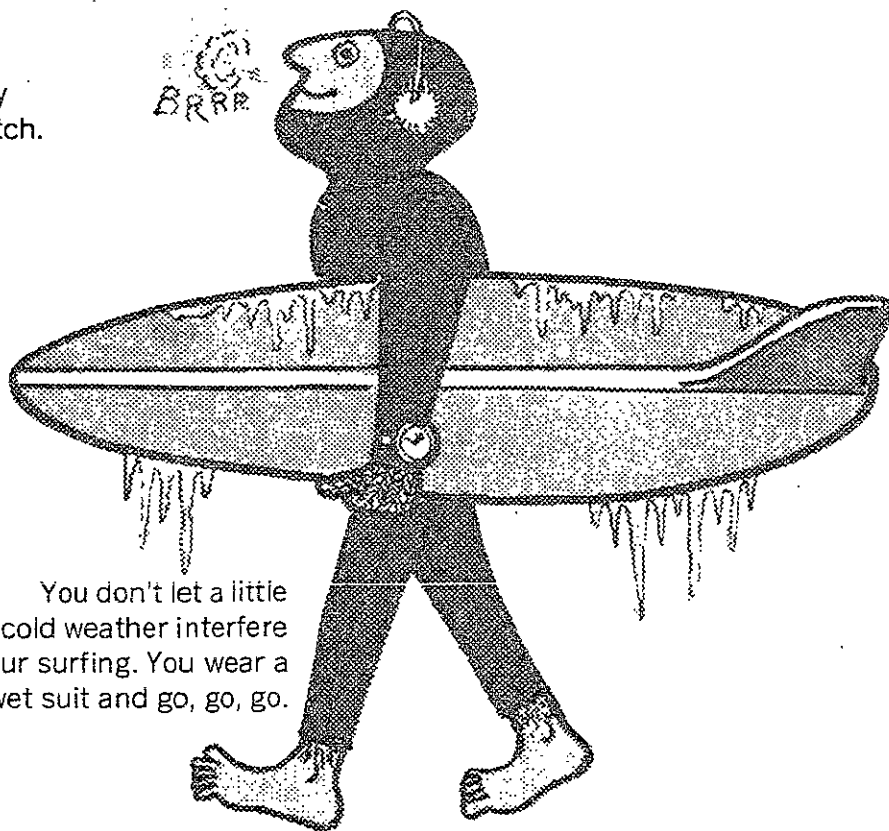
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## How to tell if you're an Ale Man



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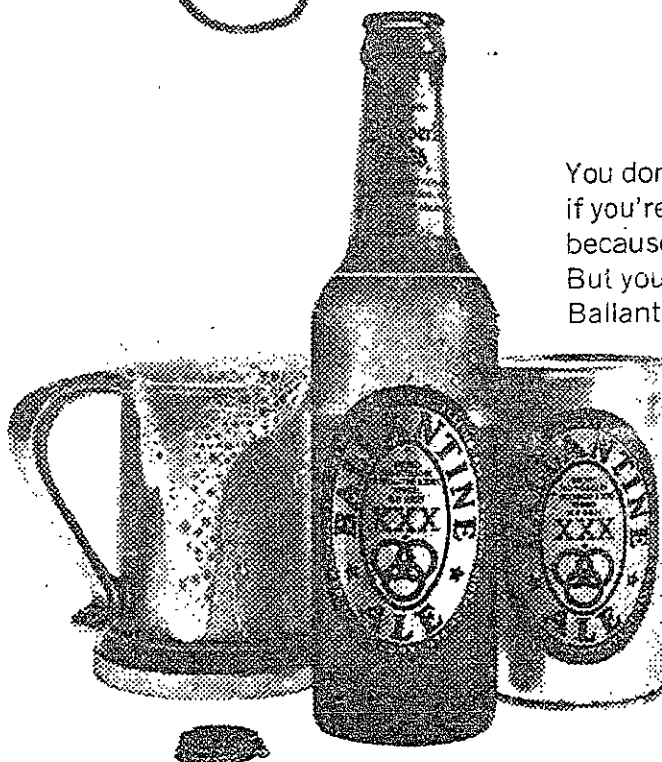


You don't let a little thing like cold weather interfere with your surfing. You wear a wet suit and go, go, go.



You still think James Bond books are better than James Bond movies.

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May their numbers increase.  
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## 'Fantasticks' to play for Prom audience

(Continued from Page 1)

group of extremely high quality, will be on hand to insure continuous music from 9 to midnight. Unlimited free refreshments will also be provided.

All Weekend tickets will be on sale for \$16 a couple and should be ordered quickly through house social chairmen. Additional tickets for "the Fantasticks" will also be offered at \$2.50 apiece. Because of limited capacity on Saturday afternoon and night, no "Saturday only" tickets will be sold.

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## Something borrowed

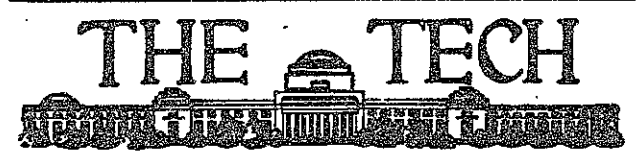
MIT's libraries are certainly not one of the school's academic strong points.

However, before castigating the library system for all its inadequacies, it is wise to note that some members of the academic system aggravate the situation by forgetting the fact that a large number of people depend on the libraries' resources.

One of the worst groups of offenders are members of the faculty and staff who use the privileges of their position to remove books and journals from the libraries for indefinite periods of time. While it is true that these books are sub-

ject to recall after a short time if someone else requests them, protracted periods of time often intervene before the professor in possession of the book finally decides to relinquish it.

Faculty salaries and research grants at MIT are generally sufficient enough to allow a professor to either purchase or Xerox any printed material he will be using extensively. Common consideration of others dictates that the removal of resources from the library for long periods of time be held to an absolute minimum.



Vol. LXXXVI, No. 39 Oct. 21, 1966

### BOARD OF DIRECTORS

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Front page photo of 77 Massachusetts Ave. at night taken by John Havekotte.

## Inside Incomm

### Intercollegiate Council formed to promote cultural exchanges

By Frank March, UAP

A meeting to organize a new Boston Intercollegiate Council was held at Brandeis Tuesday. Representatives from MIT, Regis, Simmons, and Brandeis were present. One general purpose for the Council which was agreed upon is an academic, social, and cultural exchange between campuses. Another obvious purpose of such a group is the discussion of common problems. Examples of topics of common interest are area social service projects, and discussion of the Massachusetts sales tax on books. The MIT delegates were Douggie Gordon '68, Bob Horvitz '68, and Tom James '68.

The next meeting of the Council will be in approximately one week, at MIT.

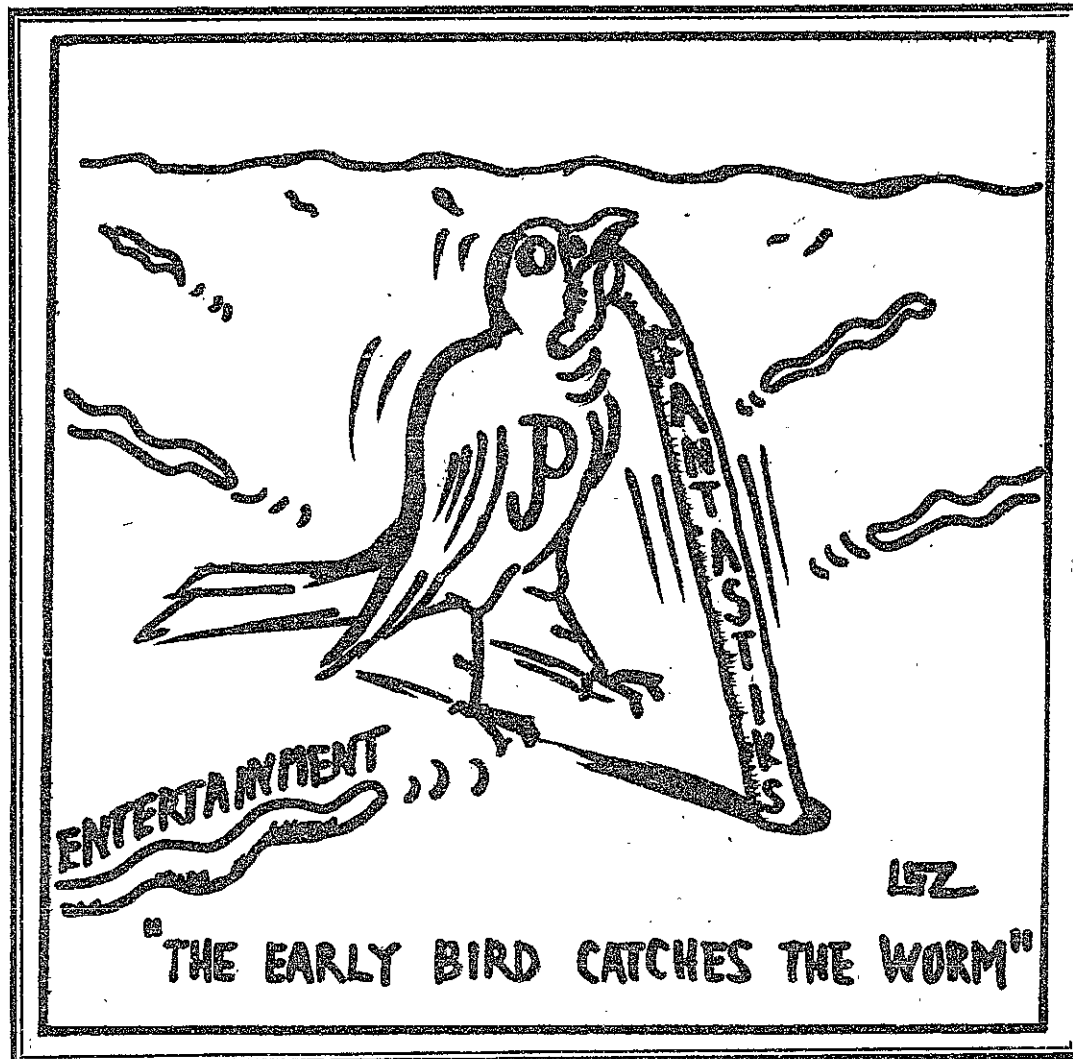
### Incomm Conference

Plans are now being formulated for an Incomm conference on student housing. The format of this conference would be similar to that held October 2. The general philosophy of MIT housing, the present status of housing, and the plans for the future would be discussed. The date will be set by the Institute Committee at its next meeting November 3.

### Tunnel or Bridge?

Plans have been announced to build a bridge across Mass. Ave., but there appears to be some student discontent with the present plan. Members of the Student Center Committee feel that priority should be given to adding to the activities and commercial space in the building by hollowing out underground the area between the Student Center and Mass. Ave. These additional rooms could then easily be con-

(Please turn to Page 5)



## Letters to The Tech

### VIII and XVIII OK

To the Editor

In your editorial of October 14, 1966, entitled "Academic Incest," you say that the Physics Department passes over its own undergraduates in favor of those from other schools in admission to our graduate program in physics. This is not true. We consider applicants from MIT on a par with those from other schools of equal caliber. In point of fact, about a quarter of our entering first year graduate students obtained their undergraduate degrees from MIT. This percentage has remained roughly constant for the past 30 years.

We feel that the decision to continue his graduate education at his undergraduate school is his own. We do not try to force a decision on him by rules or quotas in our admission procedure.

George F. Koster  
Chairman  
Graduate Committee

To the Editor

In your editorial of October 14, 1966 you state that MIT undergraduates are treated unfavorably by the Mathematics Department as regards admission to graduate school. In fact one quarter of our current graduate students were MIT undergraduates. Many more MIT men were admitted but chose to go elsewhere. We regard MIT as one of our best sources of good candidates.

Norman Levinson,  
Chairman,  
Mathematics Department  
Graduate Committee

(Ed. note: We are extremely pleased to learn that we judged the Graduate Committees of the Math and Physics departments too harshly, and we apologize for suggesting that they undervalue their own undergraduates.

At the same time we would like to point out that our original editorial was a reflection of the impressions concerning admission to their departments' graduate programs which under-

graduates in these departments had expressed to us. So it would seem that both the physics and mathematics departments might let their high regard of their own undergraduates show just a little more.)

### Humanities view

To the Editor:

Your editorial of October 14 concerning criticism of the 'full major' in the humanities has missed the point.

The department's decision is not being criticized because MIT might not have sufficient resources to bring it off: it does have them. It is criticized because it places in jeopardy the very aspects of our MIT education which make it valuable.

MIT educated humanists are necessary precisely because the 'liberal arts' colleges have failed to do their job and because our 'humanistic' culture is bankrupt as a result. The MIT 'double major' resulted from an awareness that there were unsolved problems in the humanities, knowledge that most 'liberal arts' graduates were not equipped to solve them, and the hope that a scientific education would work where a 'humanistic' one hadn't.

The results of the double major have been encouraging. In upper-class science electives, which would be eliminated under the 'full major' proposal, the 'double majors' get an opportunity to experience the progress of science not as spectators, but as participants. It is this opportunity which gives the MIT humanists their most important assets: confidence in the efficiency of their own minds and the knowledge that rationality works. Without this knowledge no education can ever be useful.

The problem of giving a firm preparation for graduate study in the humanities can be solved without eliminating the upper-class science electives. A fifth year program leading to a BA

in the humanities should be investigated. As for giving a four year program in the humanities alone, we ought to ask as we always ought to, not only whether we can do it but also whether we should.

If it were not for the latter question we would have no need of the humanities.

Adam V. Reed '67

### XXII speaks out

To the Editor

We do not believe that the "academic incest" theory mentioned in your editorial of this title in the October 14 issue of The Tech applies to the Nuclear Engineering Department. This theory holds that a student who does his graduate work at the same school he attended as an undergraduate will develop too narrow a point of view because he is exposed to the same ideas in graduate school as an undergraduate.

As the Nuclear Engineering Department has no undergraduate program, it offers a new and stimulating educational experience to all MIT undergraduates. We welcome as graduate students graduates from any of the undergraduate programs in the Schools of Science or Engineering at MIT. We believe that an MIT student will have his intellectual horizons broadened fully as much by doing graduate work in nuclear engineering at MIT as by going to some other school. And we think we have at least as good a program as any other graduate school.

Manson Benedict  
Head, Department of  
Nuclear Engineering

(Ed. note: Of course we did not suggest that the Nuclear Engineering Department was one of the MIT graduate departments which does exclude MIT undergraduates. Again we're very happy to hear of Course XXII's desire to attract MIT undergrads from the various fields of science and engineering.)

## Kibitzer

By Mark Bolotin

North		East	
♠ A K 9 7 6		♠ 10 8	
♥ J		♥ Q 10 9 5 3 2	
♦ K Q 8		♦ A J 10 3	
♣ A 10 8 4		♣ 6	
West		South	
♠ Q 5 4 2		♠ J 3	
♥ K 4		♥ A 8 7 6	
♦ 9 7 4		♦ 6 5 2	
♣ J 9 3 2		♣ K Q 7 5	

### Both vulnerable

Bidding	North	East	South	West
1 ♠	Pass	2 ♣	Pass	
4 ♣	Pass	4 ♥	Pass	
6 ♣	Pass	Pass	Pass	Double
Pass	Pass	Pass	Pass	

Opening lead: ♦4

Today's hand taught West a lesson the hard way. He learned that it is seldom wise to double slam contracts, especially when some of the defensive values are based on a trump stack.

When West's opening lead of a low diamond was covered by dummy's King and won by East's Ace, declarer was sure that West's double was based primarily on four or five trumps plus most of

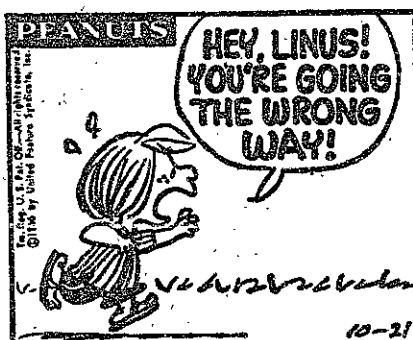
the missing values in hearts and spades.

At trick two, East returned the Jack of diamonds which declarer won on the board. Declarer had to establish some spade tricks to provide a slough for his losing diamond, so he returned to his hand with a trump. He led the Jack of spades, and when West refused to cover, let the Jack ride around. He continued with Ace and King and a small spade, as he discarded a diamond and ruffed a spade.

The entire position was now clear to declarer; for East had shown out of spades and had not ruffed the King. South could now continue with a cross-ruff. South won the Ace of hearts, then ruffed a heart to the board. A diamond ruff put declarer back in his hand in order to lead a heart which was ruffed with the ten, as West can only under-ruff. Finally, ruffs were taken separately with the Ace and King of trump.

The folly of West's double is very clear. First, West is not even close to being able to set the contract—the defense's only trick came on East's diamond.

(Please turn to Page 5)



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## Kibitzer . . .

(Continued from Page 4)

Ace, which North might very well have had by his strong bidding. Second, there was very little to gain by the double. A one-trick set would bring only an extra 100 points.

Third, and most important, the double gave declarer extra information about the hand and enabled him to make the hand by playing it differently than he would have played it otherwise. Thus, the double cost well over 1000 points.

Doubles of slam and game contracts should be made only when the contract is likely to go down more than one trick. Such doubles should be avoided when the double is likely to aid declarer in playing the contract.

There is one convention, called Lightner doubles, which applies to doubles of slam contracts. A double of a slam contract by opening leader's partner calls for an unusual lead, often dummy's or declarer's first-bid side suit. These doubles are made, not to pick up an extra hundred points, but to defeat a slam that would make against a normal opening lead.

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## Inside Inscomm . . .

(Continued from Page 4)

nected by tunnel to Bldg. 7 in the process of building the rooms. The idea seems to have been found reasonable among some members of the administration, but the cost of the project versus the cost of the bridge is the variable which must still be determined. With the present shortage of space for activities especially small activities, I would hope that this proposal receive strong backing from all arms of the administration.

**Classes at Home**

The idea has been proposed to have sections of certain classes meet in dormitories or fraternities if enough people are taking the class from the living group and if it can be arranged. The student-faculty contact resulting from such a program would hopefully be very beneficial for the whole educational program of the living group. It sure would beat walking to the Institute on rainy days.

## EE most popular to MIT students

(Continued from Page 1)

60,333 degrees to its students. This includes 36,316 Bachelors of Science, 16,278 Masters of Science, 2,927 PhDs, 1921 Doctors of Science, and 1,272 Advanced Engineering degrees.

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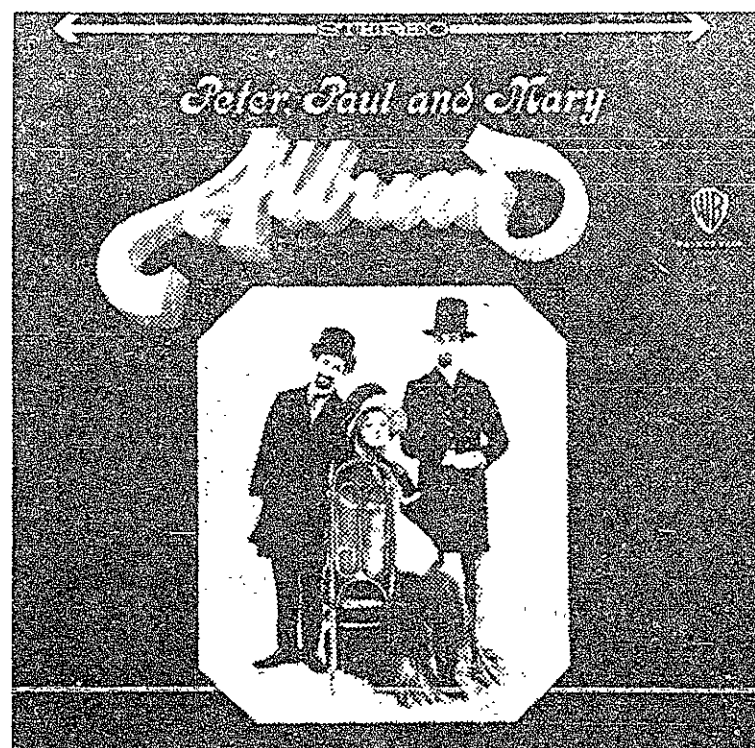
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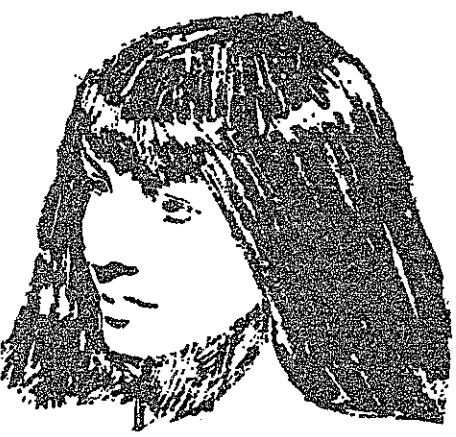
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movies . . .

## 'Alvarez Kelly'—for true western fans

By Dave Koffman

'Alvarez Kelly' is the most recent of the attempts to infuse new life into the western by setting it some new scenery. In this case, we have William Holden (in place of John Wayne) driving cattle through the badlands of Virginia during the Civil War.

Part time sales representative for national advertising and marketing company dealing with college market. Salary and commission. Phone Mr. Shield at 267-1607.

If you have any taste for westerns at all, you should have little trouble enjoying yourself; it just takes a little effort. Kelly has been hired by the Union Army to supply it with cattle near Richmond, as he learns. The wiles of a southern belle and of Confederate officer Tom Rossiter (Richard Widmark) somehow get Kelly on the Confederate side, plotting to steal the cattle from the Army of the Potomac, and bring them into the city of Richmond itself.

### Elementary plot

That's the plot, and it moves along pretty well, with just the right amount of complication, and a tiny dash of femininity, quite amply displayed. A good part of the complication comes from the Union officer who originally hired Kelly, Major Stegeman, played by Patrick Neal who gives by far the best performance of the mo-

vie. The best scene of the film has the major holding off his men's fire till they can see the whites of an onrushing herd of cattle's eyes. As for the splendid decolletage, it's just there for viewing; don't worry about the acting, or you'll ruin the effect.

Clearly the proper way to enjoy 'Alvarez Kelly' is to take it a piece at a time — the trees are much more important than the forest. Any attempt to look at the whole forest will result in a little confusion, mainly over the film's uncertainty about just who is the villain at any particular moment. Similarly, Kelly's character, though it produces quite spectacular effects at single points in time, has a very elusive quality when examined for any consistency.

### Poor photography

Therefore, it is unfortunate that the photography, on which the movie necessarily depends so heavily, should be so lacking in quality. Though the cattle provide many opportunities for really imaginative shots, we must be satisfied with footage more appropriate to a newsreel. Moreover, the color has a way of shifting over a good part of the spectrum, and the constantly changing focus has a way of ruining the clarity of line in the most striking of scenery.

All in all, it's mostly a matter of the viewer's attitude. There is much to enjoy, but the conscientious killjoy can have his fun too.

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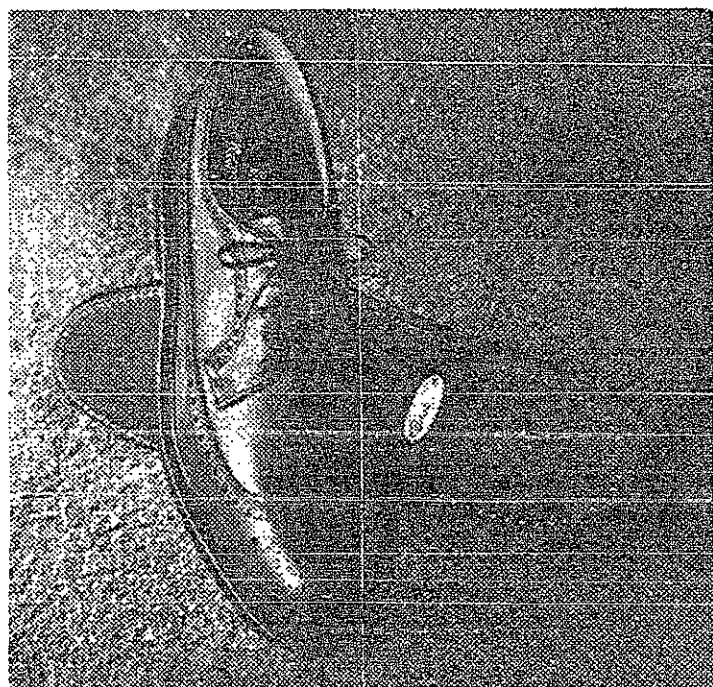
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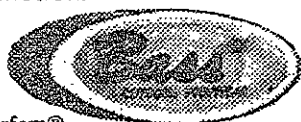
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SATURDAY, NOVEMBER 12

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# Talking Rock

By Don Davis

The release of 'Louie, Louie' by the Sandpipers has reopened the controversy concerning the words of the song. Ever since the Kingsmen hit number two nationally in December, 1963, with it, rumors of obscene lyrics have been circulating. The FBI has investigated the song and discussed it with the publisher, label, and Kingsmen, but no one has been convicted of anything. Someone sent the governor of Indiana a copy of the "dirty" lyrics asking that it be banned in the state, but got no response.

Original versions

The song was written by Richard Berry and recorded originally by Paul Revere and the Raiders on the 'Here They Come' album. Their version of the song contained only one verse and was clearly about a guy who was sailing across the sea to see his girl. The Kingsmen then recorded it and garbled the words so that one could hear almost anything in it, including a set of gross lyrics. The published lyrics are those as written by Berry, a calypso folk song sung by a lonely seafarer.

Comparison of lyrics

If one listens closely to the Kingsmen's single or album cut, he will notice that Berry's words are there, while the accepted dirty ones are strained to the point of not being there. For example, it is "Never think now I'd make it home" rather than "Never the gal I'd make at home" and "Every night and day I sail the sea" rather than "Every night at ten I lay her again." This is not to say that the Kingsmen and many other groups do not sing dirty words at dances, for they do; but the foremost recording of the song can pass any test.

'Louie, Louie' was rereleased twice, summer 1965 and spring

(Please turn to Page 9)

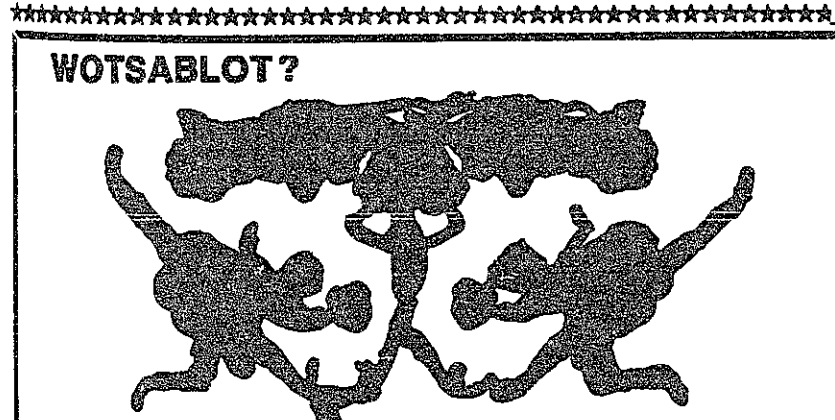
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## Auditions for plays held in Little Theatre

Auditions for the next set of one-act plays will be held Monday at 7:30 pm. The auditions will take place in the Kresge Little Theatre.

The two plays are 'Servants of the People' by Lawrence Ferlin Ghatti and 'The Don Juan in Hell' from 'Man and Superman' by George Bernard Shaw. Opening night for the performance is November 4.



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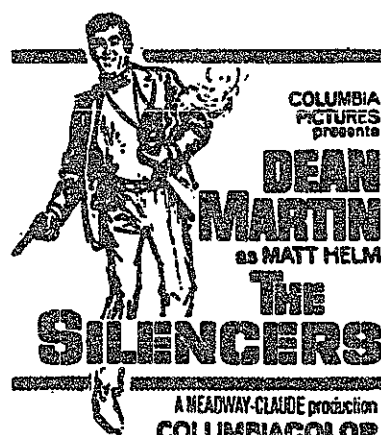
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## Making the Scene

S	M	T	W	T	F	S
					21	22
23	24	25	26	27	28	29
30	31	1	2	3		

### THIS WEEK MUSIC

MIT—Class of '67 presents Josh White in concert, Oct. 28, 8 pm; Kresge; \$2.

MIT—Dizzie Gillespie Quintet; Oct. 22, 8 pm; Kresge.

Boston Symphony Orchestra — Richard Burgin, guest conductor; Bach, violin concerto no. 1 in A minor; Hindemith, Symphonía Serená; Shostakovich, Symphony No. 5 op. 47; Oct. 25, 27 8:30 pm; Symphony Hall.

Boston Symphony Orchestra — Erich Leinsdorf conducts: Mozart, Symphony No. 40 in G minor, K. 550; Berg, suite from Lulu; Beethoven, piano concerto No. 1 in C major, op 15; Oct. 28, 2 pm, Oct. 29, 8:30 pm; Symphony Hall.

New England Conservatory — New Event Ensemble; Oct. 26, 8:30; Jordan Hall; free.

New England Conservatory — NEC Tour Chorus, Lorna Cooke de Varon, conductor: Fine's 'The Hour Glass,' Carter's 'Musicians Wrestle Everywhere,' and works of Copland, Gershwin, and faculty member Daniel Pinkham; Oct. 28, 8:30 pm; Jordan Hall; free.

Gardner Museum — Ivan Oak, lyric tenor, John Moriarty, piano; Oct. 22, 3 pm; free.

Harvard — Jackie Washington sings for children; Oct. 22, 8:30 pm; Sanders Theatre.

### THEATRE

Theatre Co. of Boston — Peter Weiss' 'Marat/Sade' opens Oct. 20, 7:30 pm, Oct. 21, 8:30 pm; \$2.25-\$3.90.

Wellesley — film 'Smiles of a Summer Night'; Oct. 22, 8 pm; Pendleton Hall; 50c.

Tufts — 'Chips With Everything' opens Oct. 21, 8:15 pm; Tufts Arena Theatre \$1.75 (weekdays), \$2.00 (weekends).

### MISCELLANEOUS

MIT — Yigael Yadin speaks on Masada excavations; Oct. 21, 2:30 pm; Kresge; free.

MIT — Maxine Kumin reads selections from two of her poetry books, 'Halfway' and 'The Privilege,' and her novel 'Through Doooms of Love'; Oct. 25, 8:30 pm; Hayden Library Lounge; free.

Brandels — James Farmer, former national director of CORE, speaks on 'Black Power in the World'; Oct. 25, 8:15, Shapiro Forum; \$1.50.

Wellesley — Edwin O. Reischauer speaks on 'Japanese Attitudes Toward China'; Oct. 21, 8 pm; Alumnae Hall.

Ford Hall Forum — Vincent L. Broderick and Louis H. Pollak discuss the question 'Are We Pampering Our Criminals'; Oct. 23, 8 pm; Jordan Hall.

### NEXT WEEK MUSIC

Boston Symphony Orchestra — Boston Symphony Chamber Players; Nov. 2; Jordan Hall.

### THEATRE

Loeb Drama Center — Buchner's 'Woyzeck'; opens Nov. 1, 8:30.



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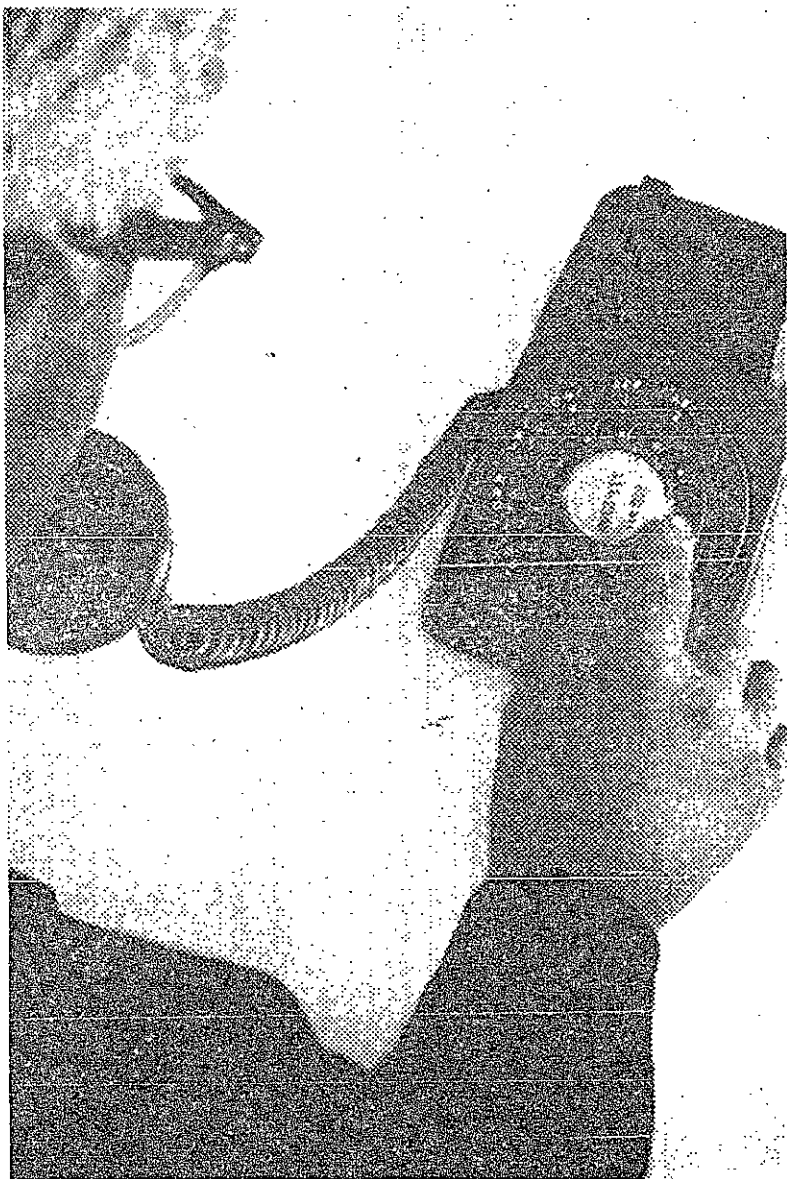
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Lyrics meet new test

# 'Louie' recorded in Spanish

(Continued from Page 7)  
1966, to demand for the record when a new batch of record buyers heard rumors of its obscenity. The album is an almost perennial entry on best-selling album lists. It will remain a classic and keep coming back despite the

Kingsmen's open admission that any grossities are simply not on the record.

The fact that the Sandpipers recorded the song in Spanish led some to believe that they were covering up questionable lyrics. However, translation of the song by Techmen Jim Bricker, Mike Mann, and Osvaldo Peusner showed that it was basically the same as that written by Berry and recorded by many groups. A literal translation of the first of two verses reads:

A lovely girl is waiting for me  
Across the sea I'm going to see her  
Ever since I saw her I am very lonely  
I'd like to have her, kiss her, and love her.

The Sandpipers' version, currently 74 its first week on Billboard's chart, is done as a lyric ballad rather than a hard rock song, and seems more appropriate to the content of the song. The Sandpipers, a Southern California-based group on Herb Alpert's A&M label, hit nine nationally with 'Guantanamera.'

The Association

Another recent song which

loses much of its value when one is ignorant of its words is 'Along Comes Mary.' The second single by the Association (their first was Bob Dylan's 'One Too Many Mornings' and was a hit in Los Angeles), it hit seven nationally and established their name enough to enable 'Cherish' to become one of the year's five biggest hits.

Who is Mary?

'Mary' was written by previously unknown Tandy Almer and contains beautiful intraline as well as interline rhymes. It is immediately obvious that Mary comes to save man from life's doldrums and that the name Mary is significant ("Does she wanna set 'em free and let 'em see reality from where she got her name"). The third verse implies that Mary is marijuana rather than a Virgin Mary symbol with such excerpts as "the gassed and flaccid kids," "does she wanna see the stains," and "or will their waking eyes reflect the lies and make them realize their urgent cry for sight no more."

## On Deck

Friday, October 21  
Cross Country (F) — Tufts, Matignon H.S., Away, 4:15 pm  
Golf (V) — ECAC Finals at Bethpage, N.Y.  
Saturday, October 22  
Golf (V) — ECAC Finals continue  
Soccer (V) — Springfield, Home, 2 pm  
Cross Country (V) — Tufts, Williams, Away, 12:30 pm  
Sailing (V) — McMillan at Navy  
Sunday, October 23  
Sailing (V) — McMillan at Navy  
Sailing (F) — Invitational at Coast Guard  
Monday, October 24  
Soccer (V) — Boston University, Away, 8:30 pm

## How They Did

Soccer  
MIT (JV) 3, Stevens 0  
MIT (F) 3, UNH 8  
Golf  
MIT (V) 6, Babson 1  
MIT (V) 0, Boston College 7  
Cross Country  
MIT (V) 48, Boston College 56  
MIT (V) 48, Springfield 25

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Russ transferred the 12 units earned during the study-travel semester at sea to his record at the University of California at Irvine where he continues studies toward a teaching career in life sciences.

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City State Zip Sophomore ☐

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**October 24**

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## Win URI regatta

### Coed sailors capture title

MIT's women sailing team placed first in an intercollegiate Regatta held at the University of Rhode Island Sunday. Sailing for MIT was Alix Smul-

lin '68, and crewing was Ruth Peterson '67. Alix took three firsts, two seconds, one third and one fourth. The second and third place teams were Connecticut College and the University of Rhode Island. The regatta consisted of only one division, and a light wind prevailed.

The next intercollegiate women's sailing meet is sponsored by Radcliffe and will be held tomorrow at the MIT sailing pavilion.

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## JV booters win; blank Stevens for 2nd victory

By Paul Baker

Stevens Business College was overpowered by the JV soccer team 3-0 Monday at Briggs Field. This was MIT's second win in as many games against Stevens.

Bruce Greenwald '67 led the engineer attack with two goals, one in the first period and one in the third. Jack Russel '68 was credited with an assist for Greenwald's first goal. Erhan Acar '69 added the third and final goal later in the third period.

The Techmen completely dominated the contest. They played aggressive soccer and had possession of the ball for almost the entire game. Tech took 57 shots at the goal, while their fine defensive play allowed Stevens to shoot only 12 times. Goalie Jeff Reynolds '69 made 11 saves for MIT, while the Stevens goalie was forced to stop 36 shots.

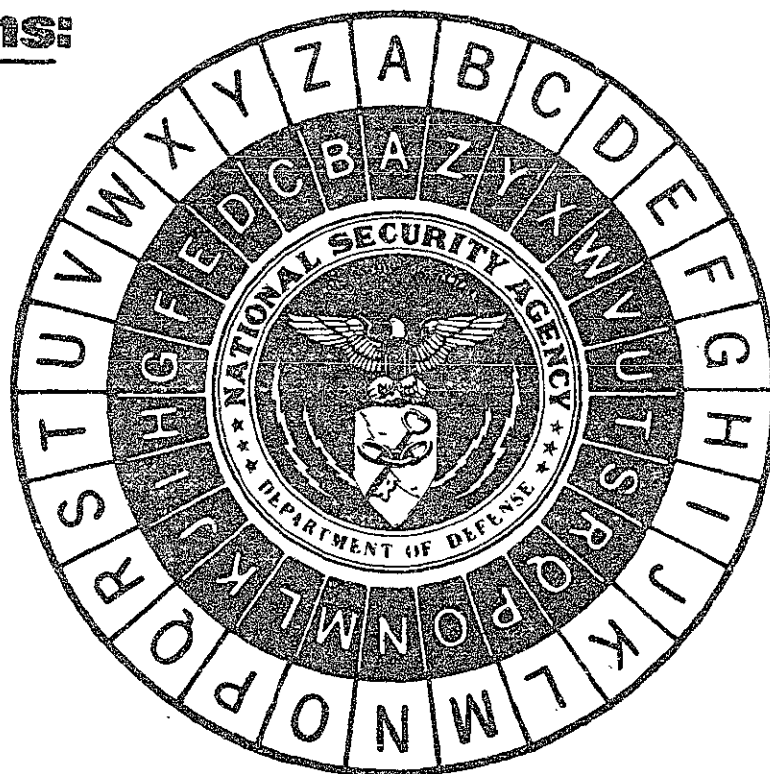
The JV record is now 2 wins, no losses, and one tie. Their next game will be with BU November 3. The varsity soccer game with BU originally scheduled for Wednesday, October 19, has been rescheduled for Monday, October 24.

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## Hockey team takes title in Boston Fall League

A hockey team made up of people associated with MIT has been playing in the B Division of the Boston Mayflower Fall Hockey League. Last week, they won their final game of the season, 5-0, to take the Division title with a record of 4-0-1. For this, they received a trophy which will be displayed in duPont. The second place team, the Arlington club, suffered their one loss to the Tech team in the third game of the season.

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## The benchmark

# Basketball practice opens with 7 lettermen returning

By Tom Thomas

Coach Jack Barry greeted basketball hopefuls Monday at Rockwell Cage. Losing only captain Jack Mazola '66 from last year's starting five and retaining 7 lettermen, Barry can only smile when asked about this year's prospects.

Senior co-captain Bob Hardt will be available for the first game with Trinity December 1. The 6'6" pivotman sat out the last sixteen games of the '65-'66 campaign with an injury. He averaged 16.6 points per game and was the leading rebounder for the first ten games.

The engineers wound up with an 18-8 record last year and posted a 14-12 mark in Europe this summer. Chances look good for a regional tournament berth for coach Barry's current edition.

### DuPont gym open

The interior renovation of the newly named duPont Gymnasium—previously the Armory—has been completed. The multi-purpose athletic facility features three full basketball courts and can handle four volleyball, two tennis, and several badminton courts. Purchased by MIT in 1959, the gymnasium has been gradually utilized by the intramural, physical education, club and intercollegiate programs at Tech.

### Frosh runners, 5-0

MIT's cross country duo of Stan Kozubek '69 and Ben Wilson '70 are leading the way on the engineers' varsity and frosh squads. Last year's outstanding freshman athlete, Kozubek has two first's and two seconds to his credit in his first year on the varsity.

Wilson has lead the engineer yearlings to a 5-0 record thus far. He has lost only once this fall. The rest of the lineup have given him strong support. John Owens, Arthur LaDrew, Eric Darling, Larry Petro, Larry Ludewig, and Jim Leary have all contributed.

# Harriers split in triangular

By Jim Yankaskas

The cross-country team finished second in a three-way meet with Springfield and Boston College Tuesday. The Engineers defeated host BC, but were in turn beaten by the traditionally strong Springfield team. Final score was

Springfield 25, MIT 48, and BC 66. Leading the race were MIT's Stan Kozubek '69 and Norris of BC. Although Kozubek lowered his personal best time by 31 seconds, Norris outsprinted him in the last hundred yards to win by 4 seconds. The winner's time for

the 4.7 mile course was 23:12. Springfield men accounted for the next seven places in the race. This overall team strength explains their undefeated record, in spite of the fact that they have no individual stand-outs.

Four Techmen finished immediately behind the Springfield contingent. In order of finish they were John Usher '69, Rich Wolfson '69, Pete Packarsky '68, and Helge Bjaaland '67. Geoff Hallock '69 also aided in the scoring by displacing three BC runners.

Injuries were less of a problem to the MIT team than in the previous meet. Four men who were unable to run last Friday were entered in the race. Wolfson and Bjaaland were two of the returning runners.

The general improvement of the team was evidenced by the better individual times for the race. Weather was ideal for running, and each of the nine MIT runners lowered his personal best time by 30 seconds or more.

The team meets Tufts and Williams at Williamstown tomorrow. By defeating both schools, the cross-country team will insure themselves a winning season. The record now stands at 4-3. The team races Holy Cross and Dartmouth October 29.

# IM Wrestling Tournament features Olympic freestyle

By Herb Finger

IM wrestling manager Dave Schramm '67 has finalized plans for this year's wrestling tournament. Weigh-ins for the meet, which will be held Friday and Saturday, October 28 and 29, will be 9-12 and 9-11 respectively.

A new set of weight classes and a completely new innovation already forecast a very successful tournament. The prominent addition is a 191 lb. weight class as well as the usual unlimited class. The present classes are as follows: 115, 123, 130, 137, 145, 152, 160, 167, 177, 191, and unlimited. Schramm is experimenting with three classes in Olympic freestyle to supplement the normal collegiate style. There will be 138.5, 154, and 191.5 lb. classes.

Medals will be awarded to winners of all weight classes.

Olympic style wrestling is much different from the usual collegiate style. Freestyle is "catch as catch can." The main objective is to touch both shoulders to the mat. Points are awarded as follows:

- 1 pt. Take Down (opponent off feet and under control)
- Turn Thru (opponent's shoulders face mat)
- Reversal (going from bottom to top)
- 2 pt. Tilt (opponent's shoulder or head is touching mat and shoulders turned to mat)
- 3 pt. Near fall (1 shoulder or head on mat for 5 sec. while shoulders turned to mat)

Anyone who has any further questions should contact IM wrestling manager Dave Schramm.

## Freshman basketball

Try-outs for freshman basketball will be held starting Wednesday, October 26 at 5 pm in the duPont Gymnasium. Anyone interested should bring his own equipment, including two pairs of socks.

## Frosh sports

# UNH tops kickers in rain, 8-3

By Stan Kask

Tech's frosh soccer team fell to the hands of the University of New Hampshire freshman Wednesday by a score of 8-3. A tor-

rential downpour fell during the entire game.

UNH controlled the ball for most of the game. During the first half, the game was largely

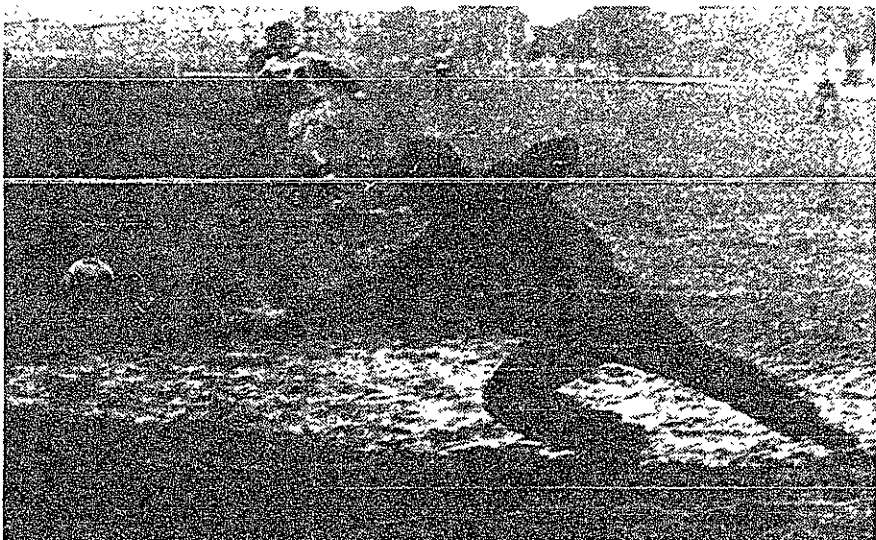


Photo by Jeff Reynolds

A penalty kick by a UNH player gets by frosh goalie Harry Terkanian, who replaced John Gerth early in the third period. Despite good defensive play in the first half, the frosh booters lost, 8-3.

# Title game set for noon Saturday



Photo by Jeff Reynolds

SAE Terry Bennett '70 races around end as Don Paul '67 blocks Delit defender Art Von Waldburg '67. Smiling John Butler '65 and Geoff Brazer '69 of SAE look on.

Beta Theta Pi and Sigma Alpha Epsilon will again match wits and abilities tomorrow at 11:30 for 1966 IM football crown. The Betas, still undefeated this year, hope to duplicate their victory over the SAEIors two weeks ago. The SAE's opposing ideas are strengthened by their last two victories. Steve Schroeder '67 and Fred Souk '67, the opposing quar-

terbacks, both healthy and passing well, plan to flood the air with footballs.

Examining the two offenses we find the Betas endowed with speedy end and quick moving linemen. Steve Schroeder '67 mixes his calls enabling Greg Wheeler '67, Tom Chen '68, and Jim Cormier '68 to sprint free for the pass, or Rick Young '68 to break loose for a five yard gain.

### SAE has size

SAE, behind the confident, experienced hands of Fred Souk '67, find size to their advantage. Don Rutherford '67, Jack Mazola '66, and Bruce Wheeler '70 provide SAE with sizable targets.

In other "A" league action, Delta Upsilon clashes with Delta Tau Delta in another return engagement. The Deltas, tops in their league, are still burning after their near victory Saturday. Art Von Waldburg '67 hopes to topple the DU defense on the ground and in the air. Denny Ducsik '68 plans to march down



Photo by Jeff Reynolds

Beta end Jim Cormier '68 snags a Steve Schroeder '67 pass beyond the outstretched arms of DU Dean Whelan '70 for the first Beta touchdown. Beta fans should see a lot of Schroeder and Cormier Saturday.

the field behind his enormous 265 lb. average line.

### AEPI-SAE "B" clash

Lambda Chi Alpha, one of the finalists in the "B" football championship, rests this week awaiting the outcome of the AEPI-SAE "B" contest. The Pis, unbeaten and once scored upon, plan to do it again against the junior SAEIors. Quarterback Steve Kanter '68 plans his attack around receivers Ron Mandle '65 and Herb Finger '68.

SAE "B," led by their field general Dave Dewitte '69, feel they can keep rolling on. After their victories Friday and Saturday the SAEIors can't wait to hit the field again.

### Games this Saturday:

Teams	Field	Time
Beta-SAE	2	11:30
Sig Ep-Kappa Sig	3	
TDC-Phi Kappa Theta	4	
PMD-West St.	5	
Phi Deltas-Burton "A"	2	1:30
AEPI-SAE "B"	3	
PBE-Stud House	4	
NRSA-Bexley	5	
DU-Delts	2	3:30
Theta Chi-Fiji	3	
Sigma Chi-Burton "B"	4	
Grad Mgt.-Ashdown	5	

## Shutout by BC

# Golfers split in warm-up for ECAC

By Steve Wiener

In their final tune up for the ECAC finals, the varsity golfers split a triangular meet, bowing to BC 7-0 and downing Babson 6-1. This same BC squad finished fourth to MIT in last week's ECAC qualifying round.

Playing at Wellesley Country Club, the engineers couldn't score the way they did in finishing first and second in two tournaments this fall. Gerry Banner '68, Jack Rector '68 and Greg

Kast '69 were the only Beavers who managed to break eighty. Rick Marcus '69 filled in for ailing Tom Thomas '69.

This afternoon the team will fire a practice round on the challenging Bethpage golf course on Long Island. Tomorrow they compete in the eighteen hole ECAC final, the most coveted golf championship in the East. Their opponents will be the seven other survivors of last week's elimination round. Coach Meriman is hoping that his charges can repeat the 310 they registered in Burlington when they qualified over 15 other teams.

# Gymnastics club holds meeting Wednesday at 5

The Gymnastics Club will hold a preliminary meeting Wednesday at 5 pm in the Varsity Club Lounge in the duPont Gymnasium. The purpose of the meeting will be to welcome new members and begin the season.

This year, the team will be coached by Frank Musker. Graduate students are welcome, and are eligible for competition. The schedule for this season will include Dartmouth, Coast Guard, Plymouth, and Yale. Workouts will begin October 31, while the season will get under way December 3.

For further information, call Pete Amstutz '67, x3617, or Gill Smith '67, dl 8-285.

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